



### *SARL VHF/UHF Analogue and Digital Contest*

The second leg of the SARL VHF/UHF Analogue and Digital contest will be held from 10:00 UTC on Saturday 15 September to 10:00 UTC on Sunday 16 September. Activity will be on 6, 4 and 2 metres as well as 70 and 23 cm and the higher bands. Read the complete rules from page 32 of the 2012 SARL Contest Manual, there is just too much to include here in HF Happenings.

### *2012 SARL HF CW Contest Results*

The Contest Committee received twenty Single operator logs and one check log for the CW Contest held on 26 August 2012. This is an increase of logs received compared to previous years.

- 1<sup>st</sup> Roger Jones, ZS6RJ - 116 points
- 2<sup>nd</sup> West Rand ARC, ZS6WR - 100 points
- 3<sup>rd</sup> Barry Nugent, ZS2NF - 94 points
- 4<sup>th</sup> Pierre van Deventer, ZS6A - 90 points
- 5<sup>th</sup> Raoul Coetzee, ZS1REC - 86 points
- 6<sup>th</sup> Vidi la Grange, ZS1EL - 80 points
- 7<sup>th</sup> Allan Saul, ZS1LS - 70 points
- 8<sup>th</sup> Allan Smith, ZS1AAX - 66 points
- 9<sup>th</sup> Mitchel Mynhaardt, ZS6YH - 62 points
- 10<sup>th</sup> Hans Kappetijn, ZS6KR - 60 points
- 11<sup>th</sup> Bruce Rowan, ZS6BK - 58 points
- 12<sup>th</sup> Mohammad Dildar, ZS5BBW - 56 points
- 13<sup>th</sup> Mitch Rundle, ZS2DK - 54 points
- 14<sup>th</sup> Jimmy Momberg, ZS6APS - 36 points
- 15<sup>th</sup> Pam Momberg, ZS6APT - 32 points
- 16<sup>th</sup> Philip van Tonder, ZS6PVT - 30 points
- 17<sup>th</sup> Derek Stuart, ZS2J - 26 points
- 18<sup>th</sup> Eddie Leighton, ZS6BNE - 22 points

South African Radio  
League  
Suid-Afrikaanse Radioliga

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19<sup>th</sup> Geoff Levey, ZS6GRL - 16 points  
20<sup>th</sup> Dave Smith, ZS6AZP - 12 points

Check log - Bruce Dunn

Highest Score on a single band

20 metres

1<sup>st</sup> West Rand ARC, ZS6WR - 28 points  
2<sup>nd</sup> Roger Jones, ZS6RJ - 20 points

40 metres

1<sup>st</sup> Pierre van Deventer, ZS6A - 80 points  
2<sup>nd</sup> Roger Jones, ZS6RJ - 68 points  
3<sup>rd</sup> Mitchell Mynhaardt, ZS6YH - 62 points

80 metres

1<sup>st</sup> Barry Nugent, ZS2NF - 28 points  
2<sup>nd</sup> Roger Jones, ZS6RJ - 22 points

Club Competition

1<sup>st</sup> Pretoria ARC - 176 points  
2<sup>nd</sup> Boland ARC - 166 points  
3<sup>rd</sup> West Rand ARC - 146 points  
4<sup>th</sup> Cape Town ARC - 136 points  
5<sup>th</sup> Centurion ARC - 80 points  
6<sup>th</sup> East Rand Branch - 62 points  
7<sup>th</sup> Port Elizabeth ARS - 54 points  
8<sup>th</sup> Lichtenburg ARC - 22 points

Well done to Roger, Pierre and the Pretoria ARC!

Combined Results after the Phone, Digital and CW Contests

Single operator

1<sup>st</sup> Pierre van Deventer, ZS6A - 318 points  
2<sup>nd</sup> Mitchell Mynhaardt, ZS6YH - 288 points  
3<sup>rd</sup> Brendon Muller, ZS4BM - 276 points  
4<sup>th</sup> Rohan Schreuder, ZS6RJS - 247 points  
5<sup>th</sup> Hans Kappetijn, ZS6KR - 235 points  
6<sup>th</sup> Noel Hammond, ZR6DX - 215 points  
7<sup>th</sup> Marius Snyman, ZR6MS - 213 points  
8<sup>th</sup> Dirk Els, ZS6AKU - 197 points  
9<sup>th</sup> Vidi la Grange, ZS1EL - 182 points  
10<sup>th</sup> Theunis Potgieter, ZS2EC - 163 points  
11<sup>th</sup> Allan Saul, ZS1LS - 155 points  
12<sup>th</sup> Pam Momberg, ZS6APT - 153 points  
13<sup>th</sup> John Kramer, ZS5J - 125 points  
14<sup>th</sup> Pieter Jacobs, ZS6XT - 124 points  
15<sup>th</sup> Quartus de Witt, ZS6EE - 119 points

16<sup>th</sup> Geoff Levey, ZS6GRL - 117 points  
17<sup>th</sup> Roger Jones, ZS6RJ - 116 points  
18<sup>th</sup> Bruce Rowan, ZS6BK - 114 points  
19<sup>th</sup> West Rand ARC, ZS6WR - 100 points  
20<sup>th</sup> Eddie Leighton, ZS6BNE - 98 points  
21<sup>st</sup> Barry Nugent, ZS2NF - 94 points  
22<sup>nd</sup> Raoul Coetzee, ZS1REC - 86 points  
23<sup>rd</sup> Nigel Burgess, ZR6NGB - 80 points  
24<sup>th</sup> Sean Pritchard, ZS5X - 70 points  
25<sup>th</sup> Allan Smith, ZS1AAX - 66 points  
26<sup>th</sup> Roy McKay, ZS6RLM - 57 points  
27<sup>th</sup> Port Elizabeth ARS, ZS2PE; Pierre Holtzhausen, ZS6PJH, and Mohammad Dildar, ZS5BBW - 56 points each  
30<sup>th</sup> Mitch Rundle, ZS2DK - 54 points  
31<sup>st</sup> Petrus Greyling, ZS6PGN - 51 points  
32<sup>th</sup> Kurt Linsin, ZS5KL - 50 points





33<sup>rd</sup> Gideon Jannasch, ZS4GJA - 47 points  
34<sup>th</sup> Johan Roos, ZS4KB - 37 points  
35<sup>th</sup> Colette Rundle, ZS2CR, and Jimmy Momberg, ZS6APS - 36 points each  
37<sup>th</sup> Philip van Tonder, ZS6PVT - 30 points  
38<sup>th</sup> Derek Stuart, ZS2J, and Evan Seligman, ZS6ELI - 26 points each  
40<sup>th</sup> Dave Smith, ZS6AZP - 12 points  
41<sup>st</sup> Welkom Radio Club, ZS4WRC - 9 points

#### Multi-operator

1<sup>st</sup> Francois Reyneke, ZS6FDX, Hendrik Rudman, ZS6RHL, and Ivan Pleho, ZS6IVP, operating as ZS6FDX - 153 points

#### Club Contest

1<sup>st</sup> East Rand Branch - 812 points  
2<sup>nd</sup> West Rand ARC - 519 points  
3<sup>rd</sup> Pretoria ARC - 399 points  
4<sup>th</sup> Port Elizabeth ARS - 309 points  
5<sup>th</sup> Bloemfontein ARC - 276 points  
6<sup>th</sup> Boland ARC - 268 points  
7<sup>th</sup> Cape Town ARC - 221 points  
8<sup>th</sup> Sandton ARC - 215 points  
9<sup>th</sup> Centurion ARC - 201 points  
10<sup>th</sup> Magalies ARC - 170 points  
11<sup>th</sup> Zululand ARC - 125 points  
12<sup>th</sup> Lichtenburg ARC - 76 points  
13<sup>th</sup> Highway ARC - 70 points  
14<sup>th</sup> Durban ARC - 50 points  
15<sup>th</sup> Sasolburg ARC - 47 points  
16<sup>th</sup> Welkom RC - 46 points

### *DX Magazine's Most Wanted Survey*

Carl, N4AA, editor of "QRZ DX" and "The DX Magazine," reports to DXers: "Effective immediately the 2012 Most Wanted Survey form is available on the DX Publishing web site. Please go to [www.dxpub.net](http://www.dxpub.net) and under the heading, MOST WANTED SURVEY, you will find a link to the form. Click on '2012 SURVEY'.

Several prefixes are in BOLD type. These are ones, which may cause confusion due to their similarity, i.e. 3D2, VK9, VK0, etc. Please use care when marking these to be sure the correct one is counted. There are a few shown in RED. These indicate either an addition to the list from last year or a change in the prefix (ZK2 is now E6). There is a 'block' at the bottom of the form for you to send along any comments, or to include any country that you need, which is not on the list.

Please pass the word to your friends and to any DX clubs in your area that the survey will be available until 15 October. Thanks for your participation. 73, Carl, N4AA."

### *African DX*

South Sudan, Z8. Jim, K7QI is the first operator to be issued with a South Sudan call sign, DX World reports. Hopefully "within the next few weeks" he will be active as Z8AAA from Juba. QSL via K7GSE.

Kenya, 5Z. Eric, SM1TDE ([www.sm1tde.bloggspace.se](http://www.sm1tde.bloggspace.se)) will be active as 5Z4/SM1TDE from Mombassa, Kenya from 5 to 22 November. He will operate holiday style on 40 - 10 metres CW. QSL via home call (bureau preferred) and LoTW.

Senegal, 6W. Enrico, IK2FIL, will be active as 6V7X (<http://6v7x.jimdo.com/>) from 25 September to 3 October, including an entry in the CQ WW RTTY Contest. The QSOs will be confirmed via the bureau through Global QSL, plus LoTW and eQSL on a daily basis. Direct cards via home call.

Lesotho, 7P8. Donovan, ZS2DL, has finalised his team of operators and plans to arrive in Lesotho on 21 November and leave on 4 December. Operations will possibly take place between 23 November and 3 December. Naturally, this means they will be an entry in the CQ WW DX CW Con-







test (24 and 25 November). The call sign will 7P8D. Operators mentioned are - Donovan, ZS2DL (CW), Mitch, ZS2DK (SSB, RTTY), Roger, ZS6RJ (CW, RTTY), Jo, DJ3CQ (CW), Chris, DL2MDU (CW), Emil, DL8JJ (CW), - Frosty, K5LBU (SSB, RTTY), Keith, VE7MID (CW) and Neil, VA7DX (CW)

Activity will be on 160 - 10 metres using CW, SSB and RTTY with a minimum of three stations (possibly 5 stations) on the air 24/7. The suggested frequencies are (they will be listening up) - CW - 1 820, 3 520, 7 026, 10 105, 14 020, 18 075, 21 020, 24 895 and 28 015 kHz; SSB - 1 840, 3 780, 7 160, 14 185, 18 150, 21 220, 24 945 and 28 480 kHz; RTTY - 7 038, 10 138, 14 085, 18 102, 21 085, 24 922 and 28 080 kHz

QSL direct via Lesotho DXpedition 2012, PO Box 29169, Sunridge Park, 6008, South Africa (w/2 USDs - Please no IRC as it is difficult to convert at the post office). An OQRS system (PayPal) will also be implemented just before the expedition. Logs will be uploaded to LoTW within 6 months after the DXpedition has ended. For more details, visit <http://www.zs2dl.co.za/7P8D.html>

Uganda, 5X. Nick, G3RWF/5X1NH, announced this past week he is "considering how best to get 160 on the air as it is the only band I have not worked and reckon there must be un-met need!" He works at a community university, so this is not a DXpedition but a solo operation with plenty of time to get on the air. He is looking for help/advice in erecting a simple antenna for 160 m. Nick states, "I have access to roach poles (30 footers) and can get max height of about 50 feet. No high trees locally and insufficient room for beverage antennas. Contemplating a 50 ft vertical with capacity top loading and some induction at the feed point. I will get grounding as good as possible within local constraints (small site, vehicles near the house etc). What do you think? Grateful for advice on antennas. I would only work CW - lots of experience on HF (110k QSOs from 5X on the other bands) but novice on 160 DX - advice (polite) also invited on operating." Nick's E-mail address is [nick@henwood.demon.co.uk](mailto:nick@henwood.demon.co.uk)

Zambia, 9J. Shinichi, JA7SGV, is now active as 9J2JA from Zambia. His length of stay is unknown. Activity has been on the HF bands - 30, 20, 17 and 15 metres using CW. QSL via his home call sign.

Chad, TT8. Members of the "Italian DXpedition Team" will be active as TT8TT from N'Djamena between 3 and 16 October. Activity will be on 160-6 meters using CW, SSB and RTTY. Operators mentioned are Alfeo, I1HJT, Silvano, I2YSB, Vinicio, IK2CIO, Angelo, IK2CKR, Marcello, IK2DIA and Stefano, IK2HKT. The pilot station is Art, IK7JWY. The team will pay particular attention to Japan and the West Coast, as Chad is 40<sup>th</sup> and 23<sup>rd</sup> respectively in the world ranking of the most wanted. QSL direct via I2YSB. QSL by the Bureau via IK2CIO. Logs will be posted to LoTW within six months. A TT8TT survey (for needs), a log search and an OQRS are all available on their Web page at [www.i2ysb.com](http://www.i2ysb.com). The official forum is at <http://bit.ly/NVQaav>

## *African Islands*

Reunion Island, FR. Michael, DF8AN, will operate mainly CW as FR/DF8AN from Reunion Island (AF-016) from 2 - 10 September. QSL via home call.

Tristan da Cunha, ZD9. Martin, G3ZAY, and Robert, MOVFC, have secured places on the "Baltic Trader" travelling to Tristan da Cunha (AF-029) on 20 September from Cape Town. They expect to have about 7 days on the island from the 27th, though this could be curtailed by bad weather. They do not expect to have time to cover all bands and probably will not be able to op-





erate on 160 or 6 metres. The call sign will be ZD9UW to be used by both operators. Logs will be uploaded to LoTW and ClubLog shortly after the operation (or during if an Internet connection is available) and cards will be handled by OQRS on Clublog, or direct to MOVFC, or via email bureau requests. Please try to avoid sending inbound cards via the bureau.

Martin and Rob would like to try to raise some extra funds for the Tristan da Cunha Educational Trust Fund. They plan to take some QSL cards to the island and anyone willing to donate \$25 (up to a max of 100 donors) will receive a direct card mailed from Tristan Da Cunha for their first two QSOs (the rest to be mailed at no extra cost to the recipient on return to the UK). More information on how to donate will be available at [www.zd9uw.org.uk](http://www.zd9uw.org.uk)

Seychelles, S7. Operators Luca, I5IHE, Simone, IK5RUN, and Dan, I5OYY, will be active as S79LC, S79UN and S79YY, respectively, from Praslin (AF-024) between 21 October and 4 November. Activity will be holiday style on 80 - 10 metres using CW, SSB and RTTY. Equipment will be a Elecraft K2 and KX3 transceiver into home made 5 band vertical antenna (on the beach) and a G5RV. QSL via their home call sign, direct only or LoTW. Online logs will be available at <http://www.ik5run.it/s79.html>

### *Special Event Stations*

Hungary, HA. Members of the Puskas Tivadar Radio Amateur Club are active as HG1912PTTT from Budapest until 30 September in celebration of the 100<sup>th</sup> anniversary of the Puskas Tivadar Telecommunications Technical High School. Activity is on the HF bands using CW, SSB and various digital modes. QSL via HA5AUC.

### *Contest Calendar*

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 3 to 10 September 2012.

Brazil Independence Day BPSK31 CDX Contest

00:00 - 23:59 UTC 7 September

Mode: PSK31

Bands: 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Single Op Single Band - low or high

Max power: HP: 100 watts; LP: 10 watts

Exchange: RST and serial no

QSO Points: 10 points per QSO with Brazil station; 5 points per QSO with non-Brazil station

Multipliers: (none)

Score Calculation: Total score = total QSOs x total QSO points

Submit logs by: 30 September 2012

Upload log at: <http://brcontest.com/indday/up/>

Mail logs to: (none)

Find rules at: <http://brcontest.com/resultado/indday/2012/INDDAYENGL.htm>

NCCC Sprint Ladder

02:30 - 03:00 UTC 7 September

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

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Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 9 September 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### QCWA Fall QSO Party

18:00 UTC 7 September to 18:00 UTC 8 September

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, VHF/UHF

Classes: CW/Digital Only; Phone Only; Mixed

Exchange: last 2 digits of year first licensed, name, state, province, country or QCWA chapter

Work stations: Once per band regardless of mode

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mult points

Submit logs by: 8 October 2012

E-mail logs to: [w2od@aol.com](mailto:w2od@aol.com)

Mail logs to: W2OD, Robert Buus, 8 Donner Street, Holmdel, NJ 07733-2004, USA

Find rules at: <http://www.qcwa.org/2012qso-party.htm>

#### PODXS 070 Club Jay Hudak Memorial 80 m Sprint

20:00 local 7 September to 02:00 local 8 September

Mode: PSK31

Bands: 80 m Only

Classes: QRP; Low Power; Medium Power

Max power: Medium Power: 100 watts; Low Power: 50 watts; QRP: 5 watts

Exchange: RST and state, province or country

QSO Points: 1 point/QSO

Multipliers: Each state, province and DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 September 2012

E-mail logs to: [lowbandsprints@yahoo.com](mailto:lowbandsprints@yahoo.com)

Mail logs to: Eric Dallmann, K9VIC, 15707 S. River Rd., Plainfield, IL 60544, USA

Find rules at: <http://www.podxs070.com/80-meter-jay-hudak-memorial-sprint>

#### G3ZQS Memorial Straight Key Contest

23:00 UTC 7 September to 23:00 UTC 9 September

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: QRO; QRP; Club

Exchange: FISTS: RST, state, province or country, name and FISTS no; non-FISTS: RST, state, province or country, name and power

Work stations: Once per band





QSO Points: 2 points per QSO with non-member; 5 points per QSO with FISTS member

Multipliers: Each state, province or DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 9 October 2012

E-mail logs to: [Lee-N7NU@comcast.net](mailto:Lee-N7NU@comcast.net)

Mail logs to: Lee Hallin, N7NU, 3413 Walton Ln, Eugene OR 97408, USA

Find rules at: <http://www.fists.org/operating.html>

#### WAE DX SSB Contest

00:00 UTC 8 September to 23:59 UTC 9 September

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - high or low; Multi-Op; SWL

Max operating hours: Single Op: 36 hours, off times in 1 to 3 parts; Multi-Single: 48 hours

Max power: HP: >100 Watts; LP: 100 Watts

Exchange: RS and serial no

Work stations: Once per band

Score Calculation: (see rules)

Submit logs by: 24 September 2012

E-mail logs to: [waessb@dxhf.darc.de](mailto:waessb@dxhf.darc.de)

Mail logs to: (none)

Find rules at: <http://www.darc.de/referate/dx/contest/waedc/en/rules/>

#### Kulikovo Polye Contest

00:00 - 23:59 UTC 8 September

Mode: CW

Bands: 20 m Only

Classes: Single Op - low, high or super

Max power: Super: no limit; High: 1 000W or less; Low: 100W or less

Exchange: KP: RST and "KP"; non-KP: RST and serial no

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23 September 2012

E-mail logs to: [log@kpctest.ru](mailto:log@kpctest.ru)

Mail logs to: (none)

Find rules at: <http://www.kpctest.ru/?pg=content/ruleen>

#### Arkansas QSO Party

14:00 UTC 8 September to 02:00 UTC 9 September

Mode: CW, SSB, PSK

Bands: 80, 40, 20, 15, 10, 2 m

Classes: Single Op - QRP, low or high; CW Only; PSK31 Only; Multi-Single; Multi-Multi; Mobile; Portable

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: AR: RS(T) and County; non-AR: RS(T) and state, province or "DX"

Work stations: Once per band per mode per county

QSO Points: 1 point per SSB QSO; 2 points per CW/PSK QSO; Bonus: 200 points per AA5AR or K5NE QSO

Multipliers: AR: Each state/province once and one "DX"; non-AR: Each AR county once





Score Calculation: Total score = total QSO points x total mults

Submit logs by: 12 October 2012

E-mail logs to: [aqplogs@cox.net](mailto:aqplogs@cox.net)

Mail logs to: Arkansas QSO Party, c/o Don Banta, K5DB, 3407 Diana St., Springdate, AR 72764, USA

Find rules at: <http://www.arkanhams.org/ARQSO/2012/AQP%202012%20Rules.pdf>

Ohio State Parks on the Air

16:00 - 24:00 UTC 8 September

Mode: CW, SSB, AM, Digital

Bands: 80, 40, 20, 15, 10, 6 m

Classes: Single Op OH Park - low or high; Single Op; Multi-Op OH Park - low or high

Max power: LP: 10 watts; HP: >10 watts

Exchange: OH Park: "OH" and park abbreviation; OH: "OH"; W/VE: state or province; DX: "DX"

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Multipliers: Each OH park once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 29 September 2012

E-mail logs to: [W8PT@portcars.org](mailto:W8PT@portcars.org)

Mail logs to: Ohio State Parks on the Air, c/o Chuck Patellis, W8PT, PO Box 707, Parkman, OH 44080, USA

Find rules at:

<http://parks.portcars.org/ospota/wp-content/uploads/2012/04/ospota-rules-12april2012.pdf>

North American CW Sprint

00:00 - 04:00 UTC 9 September

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op - QRP, low or high

Max operating hours: 4 hours

Max power: HP: 1500 watts; LP: 100 watts; QRP: 5 watts

Exchange: other station's call, your call, serial no, your name and your state, province or country

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7) once; Each VE province once; Each North American country (except W/VE) once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 September 2012

E-mail logs to: (see rules, web upload preferred)

Upload log at: <http://www.ncjweb.com/sprintlogsubmit.php>

Mail logs to: Boring Amateur Radio Club, 15125 Bartell Road, Boring, OR 97009, USA

Find rules at: <http://www.ncjweb.com/sprintrules.php>

SKCC Weekend Sprintathon

00:00 - 23:59 UTC 9 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Exchange: RST, name, state, province or country and SKCC no or "NONE"







Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 16 September 2012

Post log summary at: <http://wes.m0trn.com/submission.php>

Mail logs to: (none)

Find rules at: [http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

### NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 10 September

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 13 September 2012

E-mail logs to: [submitlog@naqcc-eu.org](mailto:submitlog@naqcc-eu.org)

Upload log at: <http://www.naqcc-eu.org/autologger/>

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK

Find rules at: <http://naqcc-eu.org/SprintHelp/SprintRules.pdf>

## Next Week's Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 12 September and 03:00 - 04:00 UTC 13 September

FISTS Get Your Feet Wet Weekend, 00:00 UTC 14 September to 24:00 UTC 16 September

NCCC Sprint Ladder, 02:30 - 03:00 UTC 14 September

SARL VHF/UHF Analogue/Digital Contest, 10:00 UTC 15 September to 10:00 UTC 16 September

Scandinavian Activity Contest, CW, 12:00 UTC 15 September to 12:00 UTC 16 September

South Carolina QSO Party, 14:00 UTC 15 September to 03:00 UTC 16 September

Feld Hell Sprint, 16:00 - 18:00 UTC 15 September

Washington State Salmon Run, 16:00 UTC 15 September to 07:00 UTC 16 September and 16:00 - 24:00 UTC 16 September

North American Sprint, SSB, 00:00 - 04:00 UTC 16 September

Run for the Bacon QRP Contest, 01:00 - 03:00 UTC 17 September

## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 3 September 2012.

**"Amateur radio is the most exciting of all technological hobbies"**





- 1846 Elias Howe patents the sewing machine
- 1853 First electric telegraph in use, Merchant's Exchange to Pt Lobos
- 1885 First gasoline pump is delivered to a gasoline dealer (Ft Wayne, Ind)
- 1908 Orville Wright makes first 1-hour airplane flight, Fort Myer, Va
- 1920 First radio broadcast of a prizefight
- 1973 First all Australian women's US Open final, (Court beats Goolagong)
- 1977 First TRS-80 computer sold

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC

